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☐ 1. Document ID: US 20080024128 A1

L73: Entry 1 of 17

File: PGPB

Jan 31, 2008

PGPUB-DOCUMENT-NUMBER: 20080024128

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20080024128 A1

TITLE: Nuclear magnetic resonance measurement techniques in non-uniform fields

PUBLICATION-DATE: January 31, 2008

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Song; Yi-Qiao	Ridgefield	CT	US
Caudal; Nicolas	Le Chesnay	MA	FR
Hurlimann; Martin	Newton	NY	US
Sigmund; Eric E.	New York		US

US-CL-CURRENT: 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWIC	Draw Desc	Image				

☐ 2. Document ID: US 20070257671 A1

L73: Entry 2 of 17

File: PGPB

Nov 8, 2007

PGPUB-DOCUMENT-NUMBER: 20070257671

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070257671 A1

TITLE: SSFP MRI WITH INCREASED SIGNAL BANDWIDTH

PUBLICATION-DATE: November 8, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Nayak; Krishna S.	Los Angeles	CA	US
Hargreaves; Brian A.	San Francisco	CA	US

US-CL-CURRENT: 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWC	Draw. Desc	Image				

☐ 3. Document ID: US 20060145696 A1

L73: Entry 3 of 17

File: PGPB

Jul 6, 2006

PGPUB-DOCUMENT-NUMBER: 20060145696

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060145696 A1

TITLE: Moving table mri with subsampling

PUBLICATION-DATE: July 6, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Fuderer; Miha	Eindhoven		NL
Harvey; Paul Royston	Eindhoven		NL
Van Den Brink; Johan Samuel	Eindhoven		NL

US-CL-CURRENT: 324/309; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

☐ 4. Document ID: US 20060125476 A1

L73: Entry 4 of 17

File: PGPB

Jun 15, 2006

PGPUB-DOCUMENT-NUMBER: 20060125476

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060125476 A1

TITLE: Eddy current compensation with N-average SSFP imaging

PUBLICATION-DATE: June 15, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Markl; Michael	Freiburg		DE
Leupold; Jochen	Freiburg		DE

US-CL-CURRENT: 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

☐ 5. Document ID: US 20050182314 A1

L73: Entry 5 of 17

File: PGPB

Aug 18, 2005

PGPUB-DOCUMENT-NUMBER: 20050182314

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050182314 A1

TITLE: System and method for MRI tagging spatial modulation of magnetization

PUBLICATION-DATE: August 18, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Wu, Ed X.	New York	NY	US
Tang, Haiying	New York	NY	US

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWIC	Draw Desc	Image				

☐ 6. Document ID: US 20050114038 A1

L73: Entry 6 of 17

File: PGPB

May 26, 2005

PGPUB-DOCUMENT-NUMBER: 20050114038

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050114038 A1

TITLE: Method of using G-matrix fourier transformation nuclear magnetic resonance (GFT NMR) spectroscopy for rapid chemical shift assignment and secondary structure determination of proteins

PUBLICATION-DATE: May 26, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Szyperski, Thomas A.	Amherst	NY	US
Kim, Seho	Highland Park	NJ	US
Atreya, Hanudatta S.	Amherst	NY	US

US-CL-CURRENT: 702/19

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWIC	Draw Desc	Image				

☐ 7. Document ID: US 20050040821 A1

L73: Entry 7 of 17

File: PGPB

Feb 24, 2005

PGPUB-DOCUMENT-NUMBER: 20050040821

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050040821 A1

TITLE: Steady state free precession magnetic resonance imaging using  
phase detection for material separation

PUBLICATION-DATE: February 24, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hargreaves, Brian A.	Menlo Park	CA	US
Vasanawala, Shreyas	Stanford	CA	US

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWIC	Draw Desc	Image				

☐ 8. Document ID: US 20040061497 A1

L73: Entry 8 of 17

File: PGPB

Apr 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040061497

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040061497 A1

TITLE: Method of using G-matrix Fourier transformation nuclear magnetic resonance (GFT NMR) spectroscopy for rapid chemical shift assignment and  
secondary structure determination of proteins

PUBLICATION-DATE: April 1, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Szyperski, Thomas A.	Amherst	NY	US
Kim, Seho	Highland Park	NJ	US
Atreya, Hanudatta S.	Amherst	NY	US

US-CL-CURRENT: 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWMC	Draw Desc	Image				

☐ 9. Document ID: US 20030206013 A1

L73: Entry 9 of 17

File: PGPB

Nov 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030206013

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030206013 A1

TITLE: System and method for MRI tagging using spatial modulation of magnetization

PUBLICATION-DATE: November 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Wu, Ed X.	New York	NY	US
Tang, Haiying	New York	NY	US

US-CL-CURRENT: 324/307; 324/306

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWMC	Draw Desc	Image				

☐ 10. Document ID: US 7332908 B2

L73: Entry 10 of 17

File: USPT

Feb 19, 2008

US-PAT-NO: 7332908  
DOCUMENT-IDENTIFIER: US 7332908 B2

TITLE: SSFP MRI with increased signal bandwidth

DATE-ISSUED: February 19, 2008

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20070257671 A1	November 8, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nayak; Krishna S.	Los Angeles	CA		US
Hargreaves; Brian A.	San Francisco	CA		US

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Desc
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☐ 11. Document ID: US 7253620 B1

L73: Entry 11 of 17

File: USPT

Aug 7, 2007

US-PAT-NO: 7253620  
DOCUMENT-IDENTIFIER: US 7253620 B1

TITLE: Spectrally selective suppression with steady-state free precession

DATE-ISSUED: August 7, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Derbyshire; John Andrew	Silver Spring	MD		US
Herzka; Daniel Alfredo	Rockville	MD		US
McVeigh; Elliot R.	Phoenix	MD		US

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date
Reference					Claims	K/MC
					Draw Desc	Image

☐ 12. Document ID: US 7148685 B2

L73: Entry 12 of 17

File: USPT

Dec 12, 2006

US-PAT-NO: 7148685

DOCUMENT-IDENTIFIER: US 7148685 B2

**\*\* See image for Certificate of Correction \*\***TITLE: Magnetic resonance imaging with fat suppression

DATE-ISSUED: December 12, 2006

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20050253579 A1

November 17, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Block; Walter F.	Madison	WI		US
Lu; Aiming	Madison	WI		US

US-CL-CURRENT: 324/307



Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Desc Image

☐ 13. Document ID: US 6922054 B2

L73: Entry 13 of 17

File: USPT

Jul 26, 2005

US-PAT-NO: 6922054

DOCUMENT-IDENTIFIER: US 6922054 B2

TITLE: Steady state free precession magnetic resonance imaging using phase detection of material separation

DATE-ISSUED: July 26, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hargreaves; Brian A.	Menlo Park	CA		
Vasanawala; Shreyas	Stanford	CA		

US-CL-CURRENT: 324/307

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Desc Image

☐ 14. Document ID: US 6831459 B2

L73: Entry 14 of 17

File: USPT

Dec 14, 2004

US-PAT-NO: 6831459

DOCUMENT-IDENTIFIER: US 6831459 B2

TITLE: Method of using G-matrix Fourier transformation nuclear magnetic resonance (GFT NMR) spectroscopy for rapid chemical shift assignment and secondary structure determination of proteins

DATE-ISSUED: December 14, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Szyperski; Thomas A.	Amherst	NY		
Kim; Seho	Highland Park	NJ		
Atreya; Hanudatta S.	Amherst	NY		

US-CL-CURRENT: 324/309; 324/310

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Desc Image

☐ 15. Document ID: US 6778847 B2

L73: Entry 15 of 17

File: USPT

Aug 17, 2004

US-PAT-NO: 6778847

DOCUMENT-IDENTIFIER: US 6778847 B2

TITLE: System and method for MRI tagging using spatial modulation of magnetization

DATE-ISSUED: August 17, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wu; Ed X.	New York	NY		
Tang; Haiying	New York	NY		

US-CL-CURRENT: 600/410; 324/309

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Desc Image

☐ 16. Document ID: US 5151655 A

L73: Entry 16 of 17

File: USPT

Sep 29, 1992

US-PAT-NO: 5151655

DOCUMENT-IDENTIFIER: US 5151655 A

TITLE: Magnetic resonance imaging using a back-to-back pulse sequence

DATE-ISSUED: September 29, 1992

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Harms; Steven E.	Dallas	TX		
Flamig; Duane P.	Richardson	TX		
Griffey; Richard H.	Dallas	TX		

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KWMC	Draw Desc Image

☐ 17. Document ID: WO 2004077086 A1

L73: Entry 17 of 17

File: EPAB

Sep 10, 2004

PUB-NO: WO2004077086A1

DOCUMENT-IDENTIFIER: WO 2004077086 A1

TITLE: MOVING TABLE MRI WITH SUBSAMPLING

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KWMC	Draw Desc Image

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